Table A-1: Phase 1 Remedial Investigation Groundwater Sample Summary
Groundwater Sampling

Sample Location	Sample Identification	Sampling Method	Analyses											
			[1]Field Parameters	Total Dissolved Solids	VOCs (low water)	SVOCs	(Unfiltered) TAL Metals (includes Mercury)	(Filtered) TAL Metals (includes Mercury)	Cyanide	Hexavalent Chromium	PCBs	Herbicides	PFCs	TPH
Monitoring Wells														
MW-01	MW-01	Micro Purge and Sample	X	X	X	X	X	X	X	X	X	X	X	X
MW-02	MW-02	Micro Purge and Sample	X	X			X	X	X	X				
MW-03	MW-03	Micro Purge and Sample	X	X			X	X	X	X				
WW-01	WW-01	Micro Purge and Sample	X	X			X	X	X	X				
WW-02	WW-02	Micro Purge and Sample	X	X			X	X	X	X				
		Subtotal Monitoring Wells	**5**	**5**	**1**	**1**	**5**	**5**	**5**	**5**	**1**	**1**	**1**	**1**
		Total Groundwater Samples	**5**	**5**	**1**	**1**	**5**	**5**	**5**	**5**	**1**	**1**	**1**	**1**
Ground Water QC Samples														
Field duplicates	Same as original with "-D" added to the ID, for example MW-16-D	1 per 10 samples			1	1	1	1	1	1	1	1	1	1
MS/MSDs	Same as original sample identification	1 per 20 samples (extra volume consisting of one container for MS and one container for MSD per each MS/MSD sample)			1	1	1	1	1	1	1	2	1	1
Trip blanks	TB with number; for example TB-1, TB-2, etc.	1 per cooler containing aqueous samples for VOC analysis			1							0		
Equipment blanks	ER with number; for example ER-1, ER-2, etc.	1 per day per set of for nondedicated equipment per team			1	1	1	1	1	2	1	1	1	1
Total Groundwater Samples Including QC			**5**	**5**	**5**	**4**	**8**	**8**	**8**	**9**	**4**	**5**	**4**	**4**

NOTES:
[1]Field parameters: pH, temperature, conductivity, dissolved oxygen, oxidation-reduction potential, and turbidity
[1] Total dissolved solids, hexavalent chromium, PFC, and TPH analyses for groundwater samples will be conducted by a private laboratory.

PBC = Polychlorinated biphenyls
PFCs = Perfluorochemicals
SVOCs = Semivolatile organic compounds
TAL = Total analyte list
TPH = Total petroleum hydrocarbons
VOCs = Volatile organic compounds

Objective of Sampling - To verify whether or not contaminants of potential concern are present within the alluvial groundwater, and to define the nature and extent of groundwater impact.
Activities to be Conducted - The tasks of this field investigation that will be performed during Phase 1 include: (1) Collection of groundwater samples from the newly installed groundwater monitoring wells, and (2) Collect groundwater samples
Sample Locations - See Figure A-1 in Appendix A of the Sampling and Analysis Plan

Table C-1: Phase 1 Remedial Investigation Sediment Sample Summary
Sediment Sampling

Sample Location	Total Depth (ft bgs)	Sample Medium	Rationale	Number of Sample Locations	Sample Identification	Sampling Tool	Sampling Depth (ft bgs)	Analysis: Field Screening by PID	VOCs	SVOCs	Metals (includes Mercury)	Cyanide	Hexavalent Chromium	PCBs	Herbicides	AVS/SEM	PFCs	ORP	pH	TOC	TPH
Surface Soil Boring (Surface Soil Only)																					
RISS-01	2	Surface soil	To assess potential impact of surface soil on-site and off-site	1	RISS-01-0.0-0.5	Split spoon Continuous sampler PVC/acetate sleeve	0.0 - 0.5	Yes	0	0	0	0	0					0	0		0
					RISS-01-0.5-2.0		0.5 - 2.0	Yes	0	0	0	0	0					0	0		0
RISS-02	2	Surface soil		1	RISS-02-0.0-0.5		0.0 - 0.5	Yes	0	0	0	0	0					0	0		0
					RISS-02-0.5-2.0		0.5 - 2.0	Yes	0	0	0	0	0					0	0		0
RISS-03	2	Surface soil		1	RISS-03-0.0-0.5		0.0 - 0.5	Yes	0	0	0	0	0					0	0		0
					RISS-03-0.5-2.0		0.5 - 2.0	Yes	0	0	0	0	0					0	0		0
RISS-04	2	Surface soil		1	RISS-04-0.0-0.5		0.0 - 0.5	Yes	0	0	0	0	0					0	0		0
					RISS-04-0.5-2.0		0.5 - 2.0	Yes	0	0	0	0	0					0	0		0
RISS-05	2	Surface soil		1	RISS-05-0.0-0.5		0.0 - 0.5	Yes	0	0	0	0	0					0	0		0
					RISS-05-0.5-2.0		0.5 - 2.0	Yes	0	0	0	0	0					0	0		0
RISS-06	2	Surface soil		1	RISS-06-0.0-0.5		0.0 - 0.5	Yes	0	0	0	0	0					0	0		0
					RISS-06-0.5-2.0		0.5 - 2.0	Yes	0	0	0	0	0					0	0		0
RISS-07	2	Surface soil		1	RISS-07-0.0-0.5		0.0 - 0.5	Yes	0	0	0	0	0					0	0		0
					RISS-07-0.5-2.0		0.5 - 2.0	Yes	0	0	0	0	0					0	0		0
RISS-08	2	Surface soil		1	RISS-08-0.0-0.5		0.0 - 0.5	Yes	0	0	0	0	0					0	0		0
					RISS-08-0.5-2.0		0.5 - 2.0	Yes	0	0	0	0	0					0	0		0
								Subtotal Surface Soil Boring Soil Samples	**0**	**0**	**0**	**0**	**0**					**0**	**0**		**0**
Sediment Samples																					
LSED- 1	0.5	Sediment	To assess delineate nature and extent	1	LSED-1-0.0-0.5 1 -0.0-0.5	Core sampler or scoop	0.0 - 0.5	Yes	X	X	X	X	X	X	X	X	X	X	X	X	X
LSED- 2	0.5	Sediment		1	LSED-2-0.0-0.5 2 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 3	0.5	Sediment		1	LSED-3-0.0-0.5 3 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
	0.5	Sediment			LSED-3-0.0-0.5-D		0.0 - 0.5				X	X	X								
LSED- 4	0.5	Sediment		1	LSED-4-0.0-0.5 4 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 5	0.5	Sediment		1	LSED-5-0.0-0.5 5 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 6	0.5	Sediment		1	LSED-6-0.0-0.5 6 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 7	0.5	Sediment		1	LSED-7-0.0-0.5 7 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 8	0.5	Sediment		1	LSED-8-0.0-0.5 8 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 9	0.5	Sediment		1	LSED-9-0.0-0.5 9 -0.0-0.5		0.0 - 0.5	Yes	X	X	X	X	X	X	X	X	X	X	X	X	X
LSED- 10	0.5	Sediment		1	LSED-10-0.0-0.5 10 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 11	0.5	Sediment		1	LSED-11-0.0-0.5 11 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 12	0.5	Sediment		1	LSED-12-0.0-0.5 12 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 13	0.5	Sediment		1	LSED-13-0.0-0.5 13 -0.0-0.5		0.0 - 0.5	Yes			X	X	X		1						
LSED- 14	0.5	Sediment		1	LSED-14-0.0-0.5 14 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 15	0.5	Sediment		1	LSED-15-0.0-0.5 15 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 16	0.5	Sediment		1	LSED-16-0.0-0.5 16 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
	0.5	Sediment			LSED-16-0.0-0.5-D		0.0 - 0.5	Yes			X	X	X								
LSED- 17	0.5	Sediment		1	LSED-17-0.0-0.5 17 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 18	0.5	Sediment		1	LSED-18-0.0-0.5 18 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 19	0.5	Sediment		1	LSED-19-0.0-0.5 19 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
LSED- 20	0.5	Sediment		1	LSED-20-0.0-0.5 20 -0.0-0.5		0.0 - 0.5	Yes			X	X	X								
								Subtotal Sediment Samples	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**
Sediment Investigation QC Samples																					
Field Duplicates	NA	Sediment	Quality Control	Same as original with "-D" added to the ID, for example MW-16-0.5-2.0-D		1 per 10 samples			#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!

MS/MSDs	NA	Sediment		Same as original sample identification	1 per 20 samples		#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	2	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
Total Sediment Samples Associated with Soil Investigation Including QC							**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**	**#REF!**
Water QC Samples																			
Trip blanks	NA	Water	Quality Control	TB with number; for example TB-1, TB-2, etc.	1 per cooler containing		2												
Equipment	NA	Water		ER with number; for example ER-1, ER-2, etc.	1 per day per set of								0		2				
Total Water QC Samples Associated with Sediment Investigation							**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**

NOTE:

[1] Hexavalent chromium, AVS/SEM, PFCs, pH and ORP, analyses for sediment samples will be conducted by a private laboratory.

AVS/SEM = Acid volatile sulfide/simultaneously extracted metals.
bgs = Below ground surface.
ft = Foot (feet).
ORP = Oxidation-reduction potential.
PCB = Polychlorinated biphenyl.
PFC = Perfluorochemical.
SVOC = Semivolatile organic compound.
TAL = Target Analyte List.
TOC = Total organic carbon.
TPH = Total petroleum hydrocarbon.
VOC = Volatile organic compound.

Objective of Sampling - To determine potential points of entry of sediment entering the nearby drainge systems from the site, and to determine the nature and extent of contaminants of potential concern associated with sediment.
Activities to be Conducted - The tasks of this field investigation that will be performed during Phase 1 include collection of sediment samples for laboratory analyses. These samples will be collected using sediment core samplers with disposable sleeves or laboratory-grade disposable scoops
Sample Locations - See Figure A-3 in Appendix A of the Sampling and Analysis Plan